

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 14-25 and add new claim 26 as follows:

LISTING OF CLAIMS:

1-13. (Canceled)

14. (Currently Amended) ~~[[An]]~~ A thin elevator-hoisting machine ~~having a thin~~ shape, comprising:

a sheave;

a fixed main shaft that supports rotation of the sheave through a bearing;

a rotation support frame comprising a rotor mounting portion ~~to which a rotor is mounted, the rotation support frame being~~ formed integrally with the sheave or being fixed to the sheave;

a fixed frame body comprising a hollow extended portion, ~~[[and]]~~ a cylindrical portion and a stator mounting portion, the extended portion having a disc-like shape and being extended outwardly in a ~~circumferential~~ radial direction ~~of a rotation~~ centerline of the sheave, the cylindrical portion being bent approximately in a vertical direction from the extended portion and being extended toward the fixed main shaft, the stator mounting portion being provided at the cylindrical portion to oppose the rotor mounting portion; and

a motor including a rotor mounted to the rotor mounting portion, and a stator mounted to the stator mounting portion, wherein

a portion of the rotation support frame, which is located between the rotor mounting portion of the rotation support frame and the sheave, is extended outwardly in a radial direction of the sheave and has a hollow-disc-like shape, and a diameter of the rotor mounting portion in the radial direction is substantially larger than a diameter of the sheave in the radial direction.

~~a stator of a motor formed larger than the sheave; and
a stator mounting portion to which the stator is mounted, the stator mounting portion being provided to the fixed frame body;
wherein the cylindrical portion overlaps the rotation support frame in the circumferential direction of the rotation centerline of the sheave~~

15. (Currently Amended) ~~[[An elevator hoisting]]~~ A thin elevator-hoisting machine of a thin type having a sheave whose thickness in a rotation centerline direction is thinner than an outside dimension in a radial direction, the elevator hoisting machine comprising:

a stator mounting portion that supports a stator core of a motor provided in a surface of a side opposite to the sheave in the sheave rotation centerline direction of the hoisting machine, ~~[[and]]~~

a fixed main shaft that supports rotation of a rotor through a bearing, and ~~[[wherein]]~~

a fixed frame member provided with a hat shape cross sectional shape is provided in ~~[[the]]~~ a vicinity of a brake device mounting portion.

16. (Currently Amended) The elevator_hoisting machine according to claim 14, wherein the fixed main shaft is jointed to the fixed frame member, making a fixed member.

17. (Currently Amended) The elevator_hoisting machine according to claim 15, further comprising a radial gap type motor comprising a cylindrical rotor mounting portion and a stator mounting portion disposed in a radial direction of rotation, maintaining a gap with the rotor mounting portion, and is characterized in that a brake device in which an inner radial surface of the cylindrical rotor mounting portion forms a braking surface.

18. (Currently Amended) ~~[[An]]~~ The elevator_hoisting machine according to claim 17, wherein an opening portion is provided to the fixed frame member in a region adjacent to the braking surface of the rotor mounting portion, and a braking shaft of the brake device is pushed against the braking surface, through the opening portion.

19. (Currently Amended) The elevator_hoisting machine according to claim 15, wherein an injection opening for supplying lubricating oil to the bearing and a discharge opening for discharging lubricating oil from the bearing are provided in a surface on a side opposite to the sheave in the sheave rotation centerline direction of the fixed main shaft.

20. (Currently Amended) The elevator-hoisting machine according to claim 19, wherein a guide way for the lubricating oil discharged from the bearing portion is provided to the fixed frame member.

21. (Currently Amended) The elevator-hoisting machine according to claim 15, wherein a blower fan is attached to an inner portion of the fixed frame member.

22. (Currently Amended) The elevator-hoisting machine according to claim 17, wherein the fixed frame member is extended to a side opposite to the sheave of the fixed main shaft, and the extended portion and the brake device, or an attachment plate that securely fastens to the brake device, make a fitted structure and form a closed structure.

23. (Currently Amended) The elevator-hoisting machine according to claim 17, wherein the fixed frame member and the brake device, or an attachment plate that securely fastens to the brake device, are securely fastened at a side opposite to the sheave of the fixed main shaft of the fixed frame member, and the brake device or an attachment plate securely fastens to the brake device, and a second extension portion of the fixed frame member are securely fastened, forming a closed structure.

24. (Currently Amended) The elevator-hoisting machine according to claim 15, wherein the sheave and a rotation member are integrated.

25. (Currently Amended) The elevator-hoisting machine according to claim 15, wherein the sheave and the rotation member are separate members.

26. (New) The elevator-hoisting machine according to claim 15, wherein said hat shape including a disk shape first extension portion that extends in a circumferential direction from a fixed main shaft, an inner side cylindrical portion that bends substantially in a right angle from the first extension portion toward a side which is opposite the fixed shaft, a hollow disk shape second extension portion that extends in a circumferential direction toward a side opposite the fixed shaft and an outer side cylindrical portion that bends substantially in a right angle at the end of second extension portion.